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L2	66	L1 and @ad<"20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:03
L3	8	cam same constraint and profile same acceleration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:03
L4	29	cam same constraint and profile same acceleration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 11:07
L5	26	L4 and @ad<"20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:08
L6	29	(cam or camlobe) same constraint and profile same acceleration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 11:07
L7	26	L6 and @ad<"20030826"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:18
L8	4	"123".clas. and ((cam or cam\$lobe) near6 constraint) and accelerat\$3 near6 profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:15
L9	0	"74".clas. and ((cam or cam\$lobe) near6 constraint) and accelerat\$3 near6 profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:15

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L11	1	"701".clas. and ((cam or cam\$lobe) near6 constraint) and accelerat\$3 near6 profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:16
L12	4	((cam or cam\$lobe) near6 constraint) and accelerat\$3 near6 profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:17
L13	190	((cam or cam\$lobe) same accelerat\$3 near6 profile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/31 11:18
L14	17	L13 and constraint	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 11:18
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 J. P. Sadler and Zhijia Yang
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J Lampinen - Computer-Aided Design, 2003 - Elsevier

... 1 is an eccentric and asymmetric **lobe** of its shape. ... to convert the rotational movement of a camshaft to a ... for maintaining the contact between the **cam** and its ...

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An optimal cam profile design considering dynamic characteristics of a cam-valve system

HS Jeon, KJ Park, YS Park - Experimental Mechanics, 1989 - Springer

... to maximize the valve lift area as large as possible while satisfying given **constraints** such as **cam**-event angle, maximum valve **acceleration**, and **cam** ...

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... of the camlobes. The **acceleration** imparted by the camlobe ... the shape of the **cam lobe**, and the coil ... the appropriate objective function and the associated **constraints**. ...

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ME Behr, S Automotive - Transportation Electronics, 1990. Vehicle Electronics in the ..., 1990 - ieeexplore.ieee.org

... Page 3 FIGURE 3 327 The camshaft used for the lost ... via a ramp at the start and tail of the **cam lobe**. ... to open during the steepest part of the **cam profile** or to ...

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TD Choi, OJ Eslinger, CT Kelley, JW David, M ... - Optimization and Engineering, 2000 - Springer

... identification results to obtain optimal **profiles** for camshaft lobes. ... Quasi-Newton **acceleration** ... The results that address bound **constraints** from Gilmore and ...

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HST ultraviolet observations of rapid variability in the accretion-disc wind of BZ Cam - group of 5 »

RK Prinja, FA Ringwald, RA Wade, C Knigge - Monthly Notices of the Royal Astronomical Society, 2000 - Blackwell Synergy

... an accretion disc fed by a Roche-**lobe**-filling, low ... no doubt that eclipsing CVs can yield important **constraints** on the ... moving in the outflow of BZ **Cam**, then the ...

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S Mennicke - iwr.uni-heidelberg.de

... **lobe** exerts an excitation © on the (massless) follower. ... from the follower on the **cam** is taken into account, the camshaft rotates with ... 2.2 **Cam** Kinematics ...

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[book] **Cam** Design Handbook

HA Rothbart - 2003 - McGraw-Hill Professional

... DRD), dwell-rise-return- dwell (DRRD), or rise-return-rise (RRR); or 3. In terms of the follower **constraint**, which is ... Automobile camshaft. ... Translating **cam**. ...

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IE Fox - Tribology International, 2005 - Elsevier

... A cold start segment, periods of **acceleration** and deceleration ... a roller-follower, and each **cam lobe** operates two ... film thicknesses, but space **constraints** may not ...

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Electronic Valve Actuation

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... smaller **cam lobe** and the outer tappet a larger **cam lobe**. The camshaft then ... the valve for the same reason they are used in a traditional camshaft setup. ...

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